

URBAN GREEN-BLUE GRIDS

for sustainable and resilient cities

Measures › Water › Multi-layer safety and water robust building › [Measures at the town or city level](#) › Temporary flood protection › Waterproof bulkheads

Waterproof bulkheads



Temporary embankment in the centre of Kampen (The Netherlands) during the high water in January 2012 © Cor van 't Hof

Water ●●
Multifunctional space usage ●
Costs ●●
Construction costs ●●
Maintenance/management ●●

The system consists of vertical H-sections which are attached to the foundation. Hollow aluminium beams are attached between the sections.

Source: <http://www.urbangreenbluegrids.com/measures/measures-at-the-town-or-city-level/temporary-flood-protection/waterproof-bulkheads/>

atelier **GROENBLAUW**

Green-blue urban grids make cities sustainable, resilient and climate-proof. This website and the design tool will help to find fitting measures and inspires with attractive examples.